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PATENT  
Attorney Docket No. 82172  
Customer No. 23685

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
KURT BERLIN )  
Serial No.: 10/544,161 ✓ ) Group Art Unit: 1637  
Filed: August 4, 2006 ) Examiner: Molly E. Baughman  
For: METHOD FOR THE DETECTION ) Confirmation Number: 8636  
OF CYTOSINE METHYLATION )  
PATTERNS WITH HIGH )  
SENSITIVITY )

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, Applicant discloses the following information:

1. U.S. Patent No. 5,866,336, inventors Nazarenko et al., which issued February 2, 1999;
2. PCT International Publication No. WO 01/76451 A2, published October 18, 2001;
3. PCT International Publication No. WO 01/44504 A2, published June 21, 2001;
4. PCT International Publication No. WO 00/70090 A1, published November 23, 2000;
5. PCT International Publication No. WO 00/46398 A1, published August 10, 2000;
6. PCT International Publication No. WO 99/60007 A2, published November 25, 1999;
7. PCT International Publication No. WO 97/37041 A2, published October 9, 1997;
8. German Offenlegungsschrift No. DE 101 12 515 A1, published November 14, 2002  
(together with English-language abstract);
9. Worm et al., "In-Tube DNA Methylation Profiling by Fluorescence Melting Curve Analysis," Clinical Chemistry, 47(7):1183-9 (2001);
10. Olejnik et al., "Photocleavable peptide-DNA conjugates: synthesis and applications to

DNA analysis using MALDI-MS," Nucleic Acids Research, 27(23):4626-31 (1999);

11. Yu et al., "Specific Inhibition of PCR by Non-Extendable Oligonucleotides Using a 5' to 3' Exonuclease-Deficient DNA Polymerase," BioTechniques, 23(4):714-20 (1997);

12. Olek et al., "A modified and improved method for bisulphite based cytosine methylation analysis," Nucleic Acids Research, 24(24):5064-6 (1996); and

13. Auer et al., "Selective amplification of RNA utilizing the nucleotide analog dITP and *Thermus thermophilus* DNA polymerase," Nucleic Acids Research, 24(24):5021-5 (1996).

A copy of above document no. 1 is not being provided with this paper since this document is a U.S. patent, for which a copy is not required. On the other hand, copies of above document nos. 2-13 are being provided with this paper. In addition, all of the above documents are listed on the enclosed PTO Forms PTO/SB/08A and PTO/SB/08B. Applicant respectfully requests that the Examiner consider the above-listed documents and evidence that consideration by making appropriate notations on the enclosed forms.

This submission does not represent that a search has been made or that no better prior art exists and does not constitute an admission that the above-listed documents constitute "prior art."

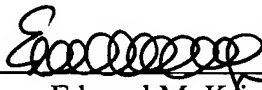
Applicant reserves the right to take appropriate action to establish the patentability of the disclosed invention over the above-listed documents, should the documents be applied against the claims of the present invention.

A check for \$180 is enclosed herewith. If there are any other fees due in connection with the filing of this paper that are not accounted for, the Examiner is authorized to charge the fees to our Deposit Account No. 11-1755. If a fee is required for an extension of time under 37 C.F.R. 1.136

that is not accounted for already, such an extension of time is requested and the fee should also be charged to our Deposit Account.


Respectfully submitted,

Kriegsman & Kriegsman

By:   
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Dated: June 1, 2009

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 1, 2009.

  
Edward M. Kriegsman



Patent  
Attorney Docket No. 82172  
Customer No. 23685

# TRANSMITTAL LETTER

Inventor: Kurt Berlin

Serial No: 10/544,161

Filed: August 4, 2006

For: METHOD FOR THE DETECTION OF CYTOSINE METHYLATION PATTERNS WITH  
HIGH SENSITIVITY

Examiner: Molly E. Baughman

Group Art Unit: 1637

Confirmation No: 8636

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for the above-identified patent application are the following:

An Information Disclosure Statement

PTO Form PTO/SB/08A (2 sheets)

PTO Form PTO/SB/08B (1 sheet)

Copies of 12 documents

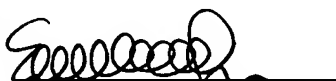
A check for \$180 (Information Disclosure Statement fee)

A return postcard

The item(s) checked below are appropriate:

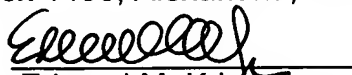
1. \_\_\_ Applicant(s) hereby petition(s) for a ( ) month extension of time to respond to
1755. 2. ☒ Please charge any fees or costs not accounted for to Deposit Account No. 11-
3. ☒ Applicant is a small entity.

Date: June 1, 2009

  
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Edward M. Kriegsman